

INTERNATIONAL SEARCH REPORT

Int'l Application No

PCT/JP2004/010454

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B62D15/02 G08G1/16

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B60R B60T B62D G05D G08G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 297 999 A (AISIN SEIKI) 2 April 2003 (2003-04-02)	1,5,6,8
A	paragraphs '0006! - '0008! paragraphs '0010! - '0018! paragraphs '0027! - '0029! figures 1-8 -----	2-4,7
X	EP 0 872 402 A (HONDA MOTOR CO LTD) 21 October 1998 (1998-10-21)	1,8
A	column 3, line 5 - column 4, line 3 column 5, line 15 - column 5, line 41 figures 2A-5B -----	2-7
		-/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

° Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

26 October 2004

Date of mailing of the international search report

03/11/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Massalski, M

INTERNATIONAL SEARCH REPORT

International Application No

PCT/JP2004/010454

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 199 40 007 A (BOSCH GMBH ROBERT) 8 March 2001 (2001-03-08)	1,8
A	page 1, line 26 – page 2, line 15 figures 5,6 -----	2-7
X	US 5 742 141 A (CZEKAJ JAMES L) 21 April 1998 (1998-04-21)	1,8
A	column 3, line 39 – column 3, line 46 -----	2-7
A	EP 1 249 379 A (DAIMLER CHRYSLER AG) 16 October 2002 (2002-10-16) abstract; figure 1 -----	1,8
P,X	EP 1 361 458 A (VALEO SCHALTER & SENSOREN GMBH) 12 November 2003 (2003-11-12)	1,8
P,A	paragraphs '0004! – '0009! -----	2-7

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/JP2004/010454

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
EP 1297999	A	02-04-2003	JP EP US	2003104220 A 1297999 A2 2003078713 A1		09-04-2003 02-04-2003 24-04-2003
EP 0872402	A	21-10-1998	JP JP DE DE EP US	3223244 B2 10287260 A 69819060 D1 69819060 T2 0872402 A2 6102147 A		29-10-2001 27-10-1998 27-11-2003 13-05-2004 21-10-1998 15-08-2000
DE 19940007	A	08-03-2001	DE WO EP JP	19940007 A1 0114941 A1 1218808 A1 2003507263 T		08-03-2001 01-03-2001 03-07-2002 25-02-2003
US 5742141	A	21-04-1998		NONE		
EP 1249379	A	16-10-2002	DE EP US	10117650 A1 1249379 A2 2003004613 A1		10-10-2002 16-10-2002 02-01-2003
EP 1361458	A	12-11-2003	DE EP US	10220426 A1 1361458 A1 2003210157 A1		20-11-2003 12-11-2003 13-11-2003